

**IN THE CLAIMS**

Please make the following claim substitutions:

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1 1. (Original) A method for configuring a portable and/or mobile host that powers up in a  
2 foreign network to connect to the Internet, comprising the steps of  
3 creating a bootstrapping agent that works cooperatively with a M-IP home agent  
4 to allocate a temporary home address to said portable and/or mobile host,  
5 using the M-IP protocol to contact said M-IP home agent and request said  
6 bootstrapping agent to allocate said temporary home address to said portable and/or  
7 mobile host, and  
8 using said temporary home address to create a temporary tunnel between a  
9 foreign agent associated with said portable and/or mobile host and said M-IP home  
10 agent, wherein said temporary tunnel is used to communicate configuration information  
11 including a permanent home address allocated by the DHCP protocol for said portable  
12 and/or mobile host to connect to the Internet.

A 1 2. (Original) The method of claim 1 wherein said foreign agent is co-located with said  
2 mobile host.

1 3. (Original) The method of claim 1 wherein said foreign agent is located on a device  
2 that is external to said mobile host and resides in said foreign network.

1 4. (Original) The method of claim 1 wherein said bootstrapping agent is arranged to  
2 assign IP addresses from an address pool of private addresses.

1 5. (Currently amended) The method of claim 4 wherein said private addresses are in  
2 the format 10.\*.

1 6. (Original) The method of claim 1 wherein said bootstrapping agent is arranged to  
2 assign IP addresses from an address pool of public addresses.

1 7. (Original) The method of claim 1 wherein a DHCP client located on said portable  
2 and/or mobile host is used to generate messages requesting said configuration  
3 information from a DHCP server via said temporary tunnel.

1 8. (Original) The method of claim 7 wherein said messages generated by said DHCP  
2 client are modified at said portable and/or mobile host to have a format consistent with a  
3 DHCP relay.

1 9. (Original) A method for enabling a mobile host without an IP home address to  
2 connect to the Internet when powering up in a foreign network, comprising the steps of  
3 obtaining a temporary IP home address for said mobile host from an IP address  
4 source accessible through a mobile IP home agent,  
5 establishing a transient tunnel between said mobile IP home agent and a mobile  
6 IP foreign agent associated with said mobile host while in said foreign network, using  
7 said temporary IP home address,  
8 acquiring, via said transient tunnel, configuration parameters including a  
9 permanent IP home address from a DHCP server in the home network of said mobile  
10 host,  
11 replacing said transient tunnel with a new tunnel between said mobile IP home agent  
12 and said mobile IP foreign agent using said permanent IP home address.

1 10. (Original) A method for enabling configuration of a portable host device that powers  
2 up in a foreign network to communicate using the Internet, said method comprising the  
3 steps of  
4 communicating a temporary home address to said portable host device from a  
5 bootstrapping agent operating cooperatively with a mobile IP home agent that serves  
6 said portable host device when it operates in said foreign network,  
7 establishing a transient bidirectional communication link between said portable  
8 host device and said mobile IP home agent using the M-IP protocol and said temporary  
9 home address, and  
10 obtaining a permanent address from a DHCP server via said transient bidirectional  
11 communication link, wherein said permanent address is used thereafter to configure  
12 said portable host to communicate with the Internet.

1 11. (Original) The method defined in claim 10 wherein additional configuration  
2 parameters are provided to said portable host device via said transient bidirectional  
3 communication link.

1 12. (Original) In a mobile telecommunications system in which a portable and/or mobile  
2 host device can operate in a home network that includes a home agent or in a foreign  
3 network that includes a foreign agent, a method for configuring said portable and/or  
4 mobile host when it powers up in said foreign network, said method comprising the  
5 steps of

6 using the M-IP protocol in said portable and/or mobile host as the signaling  
7 mechanism for reaching said home network and dynamically allocating a temporary  
8 home address; and

9 thereafter using DHCP with the temporary home address to allocate a permanent  
10 home address and other configuration state for said portable and/or mobile host.

1 13. (Original) A method for configuring a mobile host that powers up in a foreign  
2 network, comprising the steps of

3 setting up a temporary IP tunnel via the Mobile IP protocol to connect said mobile  
4 host to its home network,

5 using an IP broadcasting protocol over said temporary IP tunnel so that said  
6 mobile host can discover a DHCP addressing server in its home network, and

7 using the DHCP protocol to communicate addressing and configuration information  
8 between said addressing server and said mobile host.

1 14. (Currently ~~amended~~) In a system arranged to use an IP tunnel to relay via the  
2 Internet communication packets that are destined to a mobile host from a home server  
3 in said host's home network to a foreign server when said host is in a foreign network,  
4 wherein the establishment of said IP tunnel requires said home server and foreign  
5 server to know the IP home address of said mobile host, a method for configuring said  
6 mobile host when it powers up in said foreign network without said IP home address,  
7 comprising the steps of

8           obtaining a temporary IP home address for said mobile host from an IP address  
9   source accessible through said home server,  
10           establishing a transient tunnel between said home server and said foreign server  
11   using said temporary IP home address,  
12           acquiring, via said transient tunnel, permanent configuration parameters  
13   including a permanent IP home address from a DHCP server in the a region served by  
14   said home server,  
15           replacing said transient tunnel with a new tunnel between said home server and  
16   said foreign server using said permanent IP home address.

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